## In The Claims

1. (Currently Amended) A friction material comprising a base material impregnated with at least one curable resin, the base material comprising i) a porous primary layer comprising a firbrous base material, and ii) a secondary layer comprising geometrically symmetrically shaped friction modifying particles at least partially covering an outer surface of the fibrous base material; the material of the primary layer holding the geometrically symmetrically shaped friction modifying particles on the surface of the porous primary layer.

wherein the secondary layer comprises about 0.2% to about 50%, by weight, of symmetrically shaped particles, based on the total weight of the friction modifying particles.

- 2. (Original) The friction material of claim 1, wherein the primary layer material comprises fabric materials, woven and/or nonwoven materials.
- 3. (Previously Presented) The friction material of claim 2, wherein the primary layer material has a surface smoothness in the range of from about 0.02 mm Ra to about 0.2 mm Ra which smooth surface provides the friction material with consistent anti-shudder and coefficient of friction characteristics.

4. (Original) The friction material of claim 1, wherein the friction modifying particles comprise symmetrically shaped silica particles.

## 5. (Cancel)

- 6. (Previously Presented) The friction material of claim 1, wherein the secondary layer comprise a mixture of carbon particles and symmetrically shaped silica particles, the carbon and silica friction modifying particles being present at about 0.2 to about 80%, by weight, based on the weight of the primary layer material.
- 7. (Original) The friction material of claim 1, wherein the friction modifying particles cover about 3% to about 90% of the surface area of the primary layer material.
- 8. (Previously Presented) The friction material of claim 1, wherein the friction modifying particles substantially cover the outer surface area of the primary layer material.
  - 9. (Previously Presented) The friction material of claim 1, wherein the

secondary layer comprise a mixture of symmetrically shaped diatomaceous earth particles and fully carbonized carbon particles or partially carbonized carbon particles, and mixtures thereof.

- 10. (Original) The friction material of claim 1, wherein the friction modifying particles comprises about 0.2% to about 50%, by weight, of friction modifying particles, based on the weight of the primary layer material.
- 11. (Previously Presented) The friction material of claim 6, wherein the secondary layer comprises about 20% to about 35%, by weight, of symmetrically shaped silica particles, and about 65% to about 80% carbon particles, based on the total weight of the friction modifying particles.
- 12. (Original) The friction material of claim 1, wherein the friction modifying particle size ranges from about 0.05 to about 20 microns.
- 13. (Original) The friction material of claim 1, wherein the friction modifying particles comprises symmetrically shaped diatomaceous earth.
  - 14. (Original) The friction material of claim 1, impregnated with a phenolic

resin or a modified phenolic resin.

15. (Original) The friction material of claim 14, wherein the friction material comprises about 40 to about 120% resin, by weight.

- 16. (Original) The friction material of claim 1, impregnated with a mixture of a phenolic resin and a silicone resin wherein the amount of silicone resin in the mixture ranges from approximately 5 to approximately 80%, be weight, based on the weight of the mixture, and optionally, wherein the phenolic resin is present in a solvent material and the silicon resin is present in a solvent material which is compatible with the solvent material of the phenolic resin.
- 17. (Original) The friction material of claim 14, wherein the modified phenolic resin comprises an epoxy phenolic resin.
  - 18. (Withdrawn) A process for producing a friction material comprising: forming a primary layer material,

coating about 3% to about 100% of at least one surface of the primary layer material with at least symmetrically shaped friction modifying particles, the symmetrically shaped modifying particles being present at about 0.2

to about 62%, by weight, based on the weight of the primary layer material, and impregnating the coated material with a phenolic resin, or phenolic-based resin mixture, and thereafter curing the impregnated material at a predetermined temperature for predetermined period of time.

- 19. (Withdrawn) The process of claim 18, wherein the friction modifying particles comprise a mixture of carbon particles and symmetrically shaped silica particles.
  - 20. (Withdrawn) A process for producing a friction material comprising: pre-saturating a primary layer material with a resin; drying and curing the resin; and

subsequently coating the saturated and cured primary layer material with a mixture of phonic resin and symmetrically shaped particles.

- 21. (Withdrawn) The process of claim 20, wherein the friction modifying particles comprise a mixture of carbon particles and symmetrically shaped silica particles.
  - 22. (Withdrawn) A process for producing a friction material comprising:

substantially fully coating at least one surface of a primary layer material with a secondary layer of geometrically symmetrically shaped friction modifying particles,

impregnating with at least one type of resin, and curing at a predetermined temperature for a predetermined period of time to form the friction material.

- 23. (Withdrawn) The process of claim 22, wherein the friction modifying particles comprise a mixture of carbon particles and symmetrically shaped silica particles.
  - 24. (Withdrawn) A process for producing a friction material comprising:

at least partially coating at least one surface of a primary layer with a secondary layer comprising a mixture of geometrically symmetrically shaped friction modifying and irregularly shaped friction modifying particles,

impregnating with at least one type of resin, and curing at a predetermined temperature for a predetermined period of time to form the friction material.

25. (Withdrawn) The process of claim 24, wherein the friction modifying

particles comprise a mixture of carbon particles and symmetrically shaped silica particles.

26. (Withdrawn) A process for producing a friction material comprising:
substantially fully coating at least one surface of primary layer with a
secondary layer of a mixture of the geometrically symmetrically shaped friction
modifying and irregularly shaped friction modifying particles,

impregnating with at least one type of resin, and curing at a predetermined temperature for a predetermined period of time to form the friction material.

- 27. (Withdrawn) The process of claim 26, wherein the friction modifying particles comprise a mixture of carbon particles and symmetrically shaped silica particles.
- 28. (Previously Presented) The friction material of claim 1 wherein the geometrically symmetrically shaped friction modifying particles have a substantially flat disc shape.
  - 29. (New) The friction material of claim 1 wherein the secondary layer

comprises about 20% to about 35%, by weight, of symmetrically shaped particles, based on the total weight of the friction modifying particles.

30. (New) A friction material comprising a base material impregnated with at least one curable resin, the base material comprising i) a porous primary layer comprising a fibrous base material, and ii) a secondary layer comprising geometrically symmetrically shaped friction modifying particles at least partially covering an outer surface of the fibrous base material; the material of the primary layer holding the geometrically symmetrically shaped friction modifying particles on the surface of the porous primary layer, wherein the secondary layer comprises about 45% to about 55%, by weight, of symmetrically shaped particles, based on the total weight of the friction modifying particles.